

## AMENDMENTS TO THE SPECIFICATION:

Please amend the Abstract as follows:

### ABSTRACT OF THE DISCLOSURE

~~In order to~~ To equalize the intensity of light emitted by display elements on a display device, a plurality of current-drive circuits are connected in cascade through two terminals of each of the current-drive circuits, ~~[[and]] each of the plurality of current drive circuits comprises~~ comprising a reference current generation section including a reference resistor  $[[R_r]]$  and a plurality of current drive sections. ~~The reference resistor  $R_r$  is inserted between the two terminals provided in each of the plurality of current drive circuits and the reference resistors  $R_r$  of the plurality of current drive circuits and an external reference current source are connected in cascade arrangement through the two terminals provided in each of the plurality of current drive~~ circuits. Reference current  $[[I_{REF}]]$  sunk by ~~[[the]]~~ an external reference current source ~~and flowing through the reference resistor  $R_r$~~  causes a voltage drop  $[[V_R]]$  across the reference resistor,  $[[R_r]]$  and the voltage drop  $[[V_R]]$  is applied across a current adjustment resistor ~~to allow internal reference current to flow inside the current drive circuit.~~ In response to an image signal, the current-drive circuit outputs current, ~~the amount of which is determined by multiplying each of a plurality of internal reference currents by an optional factor and summing the resulting currents resulting from multiplication of each of the plurality of internal reference currents, to the light emitting elements of~~ to the display panel elements. Since the magnitude of the internal reference current flowing inside the current-drive circuit can be varied by varying the value of the current adjustment resistor ~~of the current drive circuit,~~ gamma correction can be applied to drive current ~~(i.e., current determined by the multiplication of each of the plurality of internal reference currents)~~ with high accuracy.